

CLAIMS

1. An apparatus for controlling a base device, comprising:

a memory; and

at least one processor, coupled to the memory, operative to:

detect a motion of said apparatus;

interpret said motion to identify a command that triggers a transfer of data between said apparatus and said base device; and

execute said command.

2. The apparatus of claim 1, wherein said execute said command operation includes transferring a second command to said base device.

3. The apparatus of claim 1, wherein said detected motion is a throwing motion.

4. The apparatus of claim 1, wherein said detected motion is a pouring motion.

5. The apparatus of claim 1, wherein said detected motion is a pulling motion directed from said base device.

6. The apparatus of claim 1, further operative to add one or more new commands by detecting and recording a demonstration motion.

7. The apparatus of claim 6, further operative to create a motion model from said recorded demonstration motion.

8. The apparatus of claim 7, further operative to assign said one or more new commands to said motion model.

9. The apparatus of claim 1, further comprising three dimensional motion sensors for performing said motion detection operation.

10. The apparatus of claim 1, further comprising one or more motion models, wherein each of said one or more motion models is assigned a command.

11. The apparatus of claim 10, wherein said interpret said motion operation is performed by comparing said detected motion to one or more of said one or more motion models.

12. A method for controlling a base device, comprising:

- detecting a motion of said apparatus;
- interpreting said motion to identify a command that triggers a transfer of data between said apparatus and said base device; and
- executing said command.

13. The method of claim 12, wherein said executing said command step includes transferring a second command to said base device.

14. The method of claim 12, wherein said detecting motion step is a throwing motion.

15. The method of claim 12, wherein said detecting motion step is a pouring motion.

16. The method of claim 12, wherein said detecting motion step is a pulling motion directed from said base device.

17. The method of claim 12, further comprising the step of adding one or more new commands by detecting and recording a demonstration motion.

18. The method of claim 17, further comprising the step of creating a motion model from said recorded demonstration motion.

19. The method of claim 18, further comprising the step of assigning said one or more new commands to said motion model.

20. The method of claim 12, wherein said interpreting said motion step is performed by comparing said detected motion to one or more motion models.

21. An article of manufacture for controlling a base device, comprising:

a machine readable medium containing one or more programs which when executed implement the steps of:

detecting a motion of said apparatus;

interpreting said motion to identify a command that triggers a transfer of data between said apparatus and said base device; and
executing said command.